## CLAIMS

1. A computer-implemented method comprising:

receiving, by a terminal device, an input query specifying a target location to be presented within a map displayed on a screen of the terminal device;

receiving, by the terminal device, a user input selecting a current location that is currently presented within the map displayed on the screen of the terminal device;

generating, by the terminal device, a request message indicating a request for a location relationship between the current location and the target location, the request message comprising an identifier of the current location;

transmitting, by the terminal device, the request message to a map server, configured to determine a geographical location of the current location and a geographical location of the target location;

receiving, by the terminal device and from the map server, a location relationship between the current location and the target location, wherein the location relationship is determined based on the geographical location of the current location and the geographical location of the target location;

detecting, by the terminal device, a predetermined operation used to trigger transmitting of a return instruction to the map server, wherein the return instruction is used to instruct to return from a first map view that displays the current location and a graphical indicator, to a second map view corresponding to the target location;

in response to detecting the predetermined operation, transmitting, by the terminal device, the return instruction to the map server;

receiving, by the terminal device and from the map server, the second map view; and

displaying, by the terminal device, the second map view corresponding to the target location and the graphical indicator representing the location relationship between the target location of the input query and the current location of a user press and hold operation, the graphical indicator comprising an indicator line and a distance value that are determined based on the location relationship, the indicator line comprising a straight line connecting a representation of the current

location to a representation of the target location, the distance value representing a distance between the current location and the target location depicted by the indicator line.

2. The computer-implemented method of claim 1, wherein the indicator line is displayed without displaying the target location.

3. The computer-implemented method of claim 1, wherein the location relationship comprises:

the distance value; and

an orientation relationship between the current location and the target location.

4. The computer-implemented method of claim 1, further comprising:

detecting, by the terminal device, a modification of the map; and

providing a modified map that includes the current location.

5. The computer-implemented method of claim 4, wherein the modification of the map comprises at least one of rescaling and repositioning the map.

6. The computer-implemented method of claim 1, wherein receiving the location relationship to the terminal device for display comprises:

returning, by the map server, the location relationship to the terminal device;

forming, by the terminal device, an indication line between the current location and the target location; and

displaying, by the terminal device, the location relationship on the indication line.

7. The computer-implemented method of claim 6, wherein after returning, by the map server, the location relationship to the terminal device, the method further comprises:

monitoring, by the terminal device, the predetermined operation used to trigger transmitting of the return instruction to the map server;

transmitting, by the terminal device, the return instruction to the map server after the predetermined operation is monitored; and

returning, by the map server, the first map view corresponding to the current location to the

second map view corresponding to the target location based on the return instruction and the location relationship.

8. The computer-implemented method of claim 7, wherein the predetermined operation comprises a physical signal detectable by the terminal device.

9. The computer-implemented method of claim 1, further comprising:
displaying the location relationship on a map.

10. A system for displaying a map, the system comprising a plurality of modules configured to perform the computer-implemented method of any one of the previous claims.